



INTERNAL MIGRATION
TWELVE MONTHS ENDED JANUARY 1977

INQUIRIES

If you want to know more about these statistics —

- ring Mr D. Bird, Canberra 526403 or our State Office, or
- write to Information Services, ABS, P.O. Box 10, Belconnen, A.C.T. 2616

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MAIN FEATURES

- From a survey in February 1977 it is estimated that, at the end of January 1977, 1,581,100 persons aged 15 and over lived at an address which differed from that of twelve months earlier. These movers comprised 16.2 per cent of the population, compared with 14.3 per cent (1,342,900 persons) in 1974.
- Of the movers, 39.2 per cent were aged 15 to 24 years and 32.7 per cent 25 to 34. Movement at higher ages was much less. 89.8 per cent of male movers, and 57.1 per cent of female movers were in the labour force.
- The number of persons who moved within a State capital city was 816,300 (51.6 per cent of all movers). 61,600 (3.9 per cent) moved between the State capital cities. 113,100 (7.2 per cent) moved into State capital cities; and 101,600 (6.4 per cent) moved out of State capital cities, altogether causing an overall internal migration gain to the State capital cities of 11,500. Losses from Sydney, Brisbane and Hobart were more than offset by gains in Melbourne, Adelaide and Perth. The only State with a net gain in the non metropolitan area was Queensland (8,600).
- Interstate migration accounted for a population loss of 13,500 for New South Wales, and there were smaller losses for Tasmania and the Northern Territory. The other States and the Australian Capital Territory had gains, the largest (5,300) being for Victoria.

EXPLANATORY NOTES

Introduction

This publication contains the results of a survey conducted in February 1977 in conjunction with the quarterly Population Survey. The survey, the seventh in the series, obtained information about the numbers and characteristics of non-institutional civilians aged 15 years and over who had changed their usual residence in the previous twelve months. Statistics from earlier surveys are given for comparison.

2. The Censuses of Population and Housing of June 1971 and 1976 also contained questions about change of residence. In 1971, the question related to movement during the preceding five years; in 1976 information was obtained about movement in the preceding twelve months as well as five years. Accordingly, no survey was made of movements in 1975. Detailed results of the 1976 Census will become available in 1978.

Survey periods

3. The surveys held in May of each year 1970 to 1974 related to the period between 1 May of the previous year and 30 April of the year of the survey. The February 1975 survey related to the period between 1 January 1974 and 31 December 1974. The survey which is the subject of this bulletin was taken in February 1977 and related to the period between 1 February 1976 and 31 January 1977.

Related publications

4. Results of this series of surveys have been published in the following bulletins

Internal Migration 1971-72 (Preliminary Statement)
(Catalogue No. 3407.0. Previously Ref. No. 4.24)

Internal Migration 1972-73 (Preliminary Statement)
(Catalogue No. 3407.0. Previously Ref. No. 4.24)

Internal Migration, Years ended April 1974 and December 1974 (Preliminary) (Catalogue No. 3407.0. Previously Ref. No. 4.24)

Internal Migration 1969-70 to 1972-73 (Catalogue No. 3408.0. Previously Ref. No. 4.26)

Internal Migration, Twelve months ended April 1972, 1973 and 1974 and December 1974
(Catalogue No. 3408.0. Previously Ref. No. 4.26).

The bulletin for 1969-70 to 1972-73 contains statistics, for 1969-70 only, about the reasons for moving and the number of moves. This was the only survey in which these questions were asked. In only one survey, that of May 1974, were the internal migration questions addressed to children under 15 years of age. Although unpublished, statistics of children reported to have changed residence in 1973-74 can be obtained from the ABS.

5. Statistics of interstate changes of residence, derived in the main from records of interstate transfers of child endowment payments and enrolments for electoral purposes, are incorporated in population estimates for Australia, the States and Territories. These appear in the following publications:

Population and Vital Statistics (Preliminary)
(quarterly)
Summary of Vital and Population Statistics
(quarterly)

Statistics of overseas migration, populations of local government areas, urban areas and other geographical units, and related statistics, are contained in other ABS publications and these are listed in *Catalogue of Publications 1977* (Catalogue No. 1101.0. Previously Ref. No. 1.8) which is available free of charge from any ABS office.

Arrangement of this bulletin

6. Table 1 in Part 1 (Internal Migration) relates to persons who were resident in Australia at both the beginning and end of each survey period as defined in paragraph 3 above, including those who did not move during the year. Tables 2 to 6 relate to those who were resident in Australia at both dates and who moved, i.e. changed their usual residence, between the two dates. Table 6 contains data relating to employment status, birthplace and period of residence in Australia of persons born overseas who changed their place of residence during the year.

7. Tables 7 to 9 in Part 2 (Interstate Migration) relate to persons who moved interstate. (They comprise a segment of the movers covered in the tables in Part 1, including migrants from overseas who had arrived before the period of the survey and moved interstate during the survey period.) They do not include movements made after arrival by persons who came from overseas during the survey period.

8. Tables 10 and 11 in Part 3 (Overseas Migration) relate to persons whose usual place of residence was overseas at the beginning of the annual period and in Australia at the end of the period, including both settlers and Australian residents who returned from extended stays abroad. Information about them or about internal moves they may have made in the survey year subsequent to their arrival, is not included in the tables in Parts 1 and 2. The information is necessarily limited to movement from overseas to Australia, and does not include movement from Australia to overseas.

The population survey

9. The survey was based on a multi-stage area sample of private dwellings (about 20,000 houses, flats, etc.) and non-private dwellings (hotels, motels, etc.) and covered about one half of one per cent of the population of Australia. The information was obtained from the

occupants of selected dwellings by carefully chosen and specially trained interviewers, the interviews being carried out during a four week period.

Scope and definitions

10. The estimates relate to all persons aged 15 years and over, except persons in boarding schools, institutions, members of the permanent defence forces and certain diplomatic personnel customarily excluded from census and estimated populations. Persons in institutions are those who were patients in hospitals and sanatoria, or inmates of gaols, reformatories, etc., and for whom, for the purpose of the survey, the institution was regarded as their dwelling.

11. For the purposes of the survey, persons were classified as having moved if the address of their usual place of residence at the end of the survey period was different from that at the beginning of the survey period. No information was obtained about the moves between these dates. Persons who were resident at the same address on both dates, but who may have moved away and returned during this period, were not counted as movers.

Usual residence

12. A special effort was made in the latest survey to ensure that holiday homes were not given as places of usual residences at the beginning or at the end of the period. Such reporting is likely to occur when the period is set to end close to the annual holidays. The results of the latest survey, however, do not suggest that a significant distortion of the results would have occurred in the February 1977 survey without these special efforts, and it can be assumed that no such distortion occurred in previous surveys.

Results for State Capital Cities, Territories and Local Government Areas

13. In some tables changes of usual residence are shown in terms of movement within capital city areas or between capital city and other areas. Estimates for State capital cities relate to persons residing within the boundaries of the capital city Statistical Divisions. The delimitation of these capital city Statistical Divisions is explained in 1971 *Census Field Count Statement No. 2 - Population: Principal Urban Centres of Australia* (Catalogue No. 2208.0. Previously Ref. No. 2.27). Note that Canberra and Darwin are not State capital cities.

14. In the current survey it has been found possible, for the first time in this series of surveys, to code addresses of usual residence to local government areas. The small size of the estimates precludes calculation of the numbers and characteristics of movers into and out of individual local government areas, but judicious grouping of areas could provide useable

estimates. Users of these statistics who consider that tabulations showing grouped local government areas could help them are asked to make their requirements known to the ABS. The local government area codes are not used for any of the tables appearing in this bulletin because consultation with users about the most useful tabulations has not been completed.

Reliability of the estimates

15. Since the estimates in this statement are based on information obtained from occupants of a sample of dwellings, they may differ from the figures that would have been produced if the information had been obtained from occupants of all dwellings. One measure of the likely difference is given by the standard error, which indicates the extent to which an estimate might have varied by chance because only a sample of dwellings was included in the survey. Estimates with a standard error of more than about 35 per cent have not

been shown, as the degree of sampling variability would seriously detract from their value for most reasonable uses. Although in some cases figures for these small components can be derived by subtraction they should not be regarded as reliable. Because of a reduction in the sample size for this survey, the standard errors are higher than usual. More information on this topic, together with a table showing estimated standard errors is given in the technical note, page 13.

Symbols and other usages

.. Not applicable

* Very small estimate subject to sampling variability too high for most practical uses

Any discrepancies between totals and sums of components in tables are due to rounding.

PART 1. INTERNAL MIGRATION

TABLE 1. CIVILIAN POPULATION AGED 15 YEARS AND OVER (a) : CHANGE OF USUAL RESIDENCE

	Year ended –						
	30 April 1970	30 April 1971	30 April 1972	30 April 1973	30 April 1974	31 December 1974	31 January 1977
MALES ('000)							
Changed usual place of residence (b)	669.2	698.4	712.1	797.0	805.9	682.8	796.2
Did not change usual place of residence (c)	3,600.2	3,741.3	3,737.0	3,689.7	3,769.3	3,980.7	4,027.8
<i>Total</i>	4,269.4	4,439.7	4,449.1	4,486.8	4,575.1	4,663.5	4,824.1
FEMALES ('000)							
Changed usual place of residence (b)	650.9	672.7	681.0	787.2	786.7	660.1	784.8
Did not change usual place of residence (c)	3,667.6	3,821.8	3,824.5	3,789.7	3,876.0	4,063.9	4,133.8
<i>Total</i>	4,318.5	4,494.5	4,505.5	4,576.9	4,662.7	4,723.9	4,918.7
PERSONS ('000)							
Changed usual place of residence (b)	1,320.1	1,371.2	1,393.1	1,584.2	1,592.6	1,342.9	1,581.1
Did not change usual place of residence (c)	7,267.8	7,563.0	7,561.5	7,479.4	7,645.3	8,044.6	8,161.6
<i>Total</i>	8,587.9	8,934.2	8,954.6	9,063.6	9,237.9	9,387.5	9,742.7
PROPORTION OF TOTAL PERSONS (per cent)							
Changed usual place of residence (b)	15.4	15.3	15.6	17.5	17.2	14.3	16.2
Did not change usual place of residence (c)	84.6	84.7	84.4	82.5	82.8	85.7	83.8
<i>Total</i>	100.0	100.0	100.0	100.0	100.0	100.0	100.0

(a) Non-institutional civilians aged 15 years and over at the time of the survey who were resident in Australia at the beginning and end of the survey year. (b) Persons whose usual residence at the end of the survey year was at a different address from that at the beginning. (c) Persons whose usual residence was at the same address at both the beginning and end of the survey years. Changes of residence away from and back to the same address during the survey year are not counted.

TABLE 2. CIVILIANS AGED 15 YEARS AND OVER WHO CHANGED THEIR USUAL RESIDENCE (a) : BY TYPE OF MOVE

Type of move	Year ended -						
	30 April 1970	30 April 1971	30 April 1972	30 April 1973	30 April 1974	31 December 1974	31 January 1977
MALES ('000)							
From an address in a State capital city (b)							
To an address outside a State capital city in the same State or another State	51.0	59.8	54.6	64.1	63.3	53.9	47.6
To an address in another State capital city	23.9	28.7	23.9	30.1	32.2	22.4	31.2
To an address in the same State capital city	314.7	329.4	358.2	401.5	400.2	339.4	408.1
From an address not in a State capital city (b)							
To an address in a State capital city in the same State or another State	56.3	58.2	59.7	62.0	59.6	51.3	57.2
To another address outside a State capital city	223.3	222.3	215.6	239.3	250.5	215.9	252.1
<i>Total</i>	669.2	698.4	712.1	797.0	805.9	682.8	796.2
FEMALES ('000)							
From an address in a State capital city (b)							
To an address outside a State capital city in the same State or another State	50.5	53.0	48.5	64.6	65.0	52.0	54.0
To an address in another State capital city	24.4	28.8	30.4	28.0	30.3	23.7	30.4
To an address in the same State capital city	324.9	332.4	356.3	413.8	410.1	343.2	408.2
From an address not in a State capital city (b)							
To an address in a State capital city in the same State or another State	57.8	60.8	56.3	56.8	58.3	46.0	55.9
To another address outside a State capital city	193.3	197.8	189.5	224.0	223.0	195.2	236.4
<i>Total</i>	650.9	672.7	681.0	787.2	786.8	660.1	784.8
PERSONS ('000)							
From an address in a State capital city (b)							
To an address outside a State capital city in the same State or another State	101.5	112.8	103.3	128.8	128.3	105.9	101.6
To an address in another State capital city	48.2	57.4	54.3	58.0	62.5	46.1	61.6
To an address in the same State capital city	639.6	661.8	714.5	815.3	810.3	682.5	816.3
From an address not in a State capital city (b)							
To an address in a State capital city in the same State or another State	114.1	119.0	116.0	118.8	118.0	97.3	113.1
To another address outside a State capital city	416.6	420.1	405.1	463.3	473.5	411.1	488.5
<i>Total</i>	1,320.1	1,371.2	1,393.1	1,584.2	1,592.6	1,342.9	1,581.1

(a) Non-institutional civilians aged 15 years and over at the time of the survey whose usual residence at the end of the survey year was at a different address from that at the beginning of the year and who were resident in Australia on both dates. (b) State capital cities exclude Canberra and Darwin. See Explanatory Notes.

TABLE 3. CIVILIANS AGED 15 YEARS AND OVER WHO CHANGED THEIR USUAL RESIDENCE (a) TYPE OF MOVE, YEAR ENDED 31 JANUARY 1977

Type of move	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
NUMBER ('000)									
From address in State capital city (b) –									
To another address in same State capital city	299.2	253.3	86.0	78.8	85.7	13.2	..	..	816.3
To elsewhere within same State	24.1	12.7	19.3	5.6	9.6	2.2	..	..	73.4
To another State or Territory	25.1	24.6	16.1	11.8	9.3	2.9	..	..	89.8
Total, from or within State capital city	348.4	290.6	121.3	96.2	104.6	18.3	..	..	979.4
To address in State capital city (b) –									
From another address in same State capital city	299.2	253.3	86.0	78.8	85.7	13.2	..	..	816.3
From elsewhere within same State	22.9	16.7	13.0	7.5	13.2	2.8	..	..	76.1
From another State or Territory	16.6	30.6	16.5	17.4	15.4	2.1	..	..	98.6
Total, to or within State capital city	338.8	300.6	115.5	103.7	114.3	18.1	..	..	991.0
Net gain (+) or loss (–), State capital cities	–9.6	+10.0	–5.9	+7.5	+9.7	*	..	..	+11.5
From address not in State capital city (b) –									
To another address outside State capital city, in same State or Territory	160.7	72.4	110.4	23.9	29.9	22.4	18.3	15.5	453.4
To capital city of same State	22.9	16.7	13.0	7.5	13.2	2.8	..	..	76.1
To another State or Territory	21.2	10.1	12.4	4.0	3.7	4.5	8.6	7.6	72.1
Total, from or within areas outside State capital city	204.9	99.2	135.7	35.3	46.8	29.7	26.9	23.0	601.6
To address not in State capital city (b) –									
From another address outside State capital city, in same State or Territory	160.7	72.4	110.4	23.9	29.9	22.4	18.3	15.5	453.4
From capital city of same State	24.1	12.7	19.3	5.6	9.6	2.2	..	..	73.4
From another State or Territory	16.2	9.3	14.6	*	3.2	3.3	6.2	9.2	63.3
Total, to or within areas outside State capital city	201.0	94.4	144.3	30.8	42.7	27.9	24.5	24.6	590.1
Net gain (+) or loss (–), areas outside State capital city	–3.9	–4.8	+8.6	–4.5	–4.1	–1.9	–2.5	+1.6	–11.5
Total net gain (+) or loss (–)	–13.5	+5.3	+2.7	+2.9	+5.5	–2.0	–2.5	+1.6	..
PER CENT OF ALL MOVERS									
From address in State capital city (b) –									
To another address in same State capital city	18.9	16.0	5.4	5.0	5.4	0.8	..	..	51.6
To elsewhere within same State	1.5	0.8	1.2	0.4	0.6	0.1	..	..	4.6
To another State or Territory	1.6	1.6	1.0	0.7	0.6	0.2	..	..	5.7
Total, from or within State capital city	22.0	18.4	7.7	6.1	6.6	1.2	..	..	61.9
To address in State capital city (b) –									
From another address in same State capital city	18.9	16.0	5.4	5.0	5.4	0.8	..	..	51.6
From elsewhere within same State	1.5	1.1	0.8	0.5	0.8	0.2	..	..	4.8
From another State or Territory	1.1	1.9	1.0	1.1	1.0	0.1	..	..	6.2
Total, to or within State capital city	21.4	19.0	7.3	6.6	7.2	1.1	..	..	62.7
From address not in State capital city (b) –									
To another address outside State capital city, in same State or Territory	10.2	4.6	7.0	1.5	1.9	1.4	1.2	1.0	28.6
To capital city of same State	1.5	1.1	0.8	0.5	0.8	0.2	..	..	4.8
To another State or Territory	1.3	0.6	0.8	0.3	0.2	0.3	0.5	0.5	4.6
Total, from or within areas outside State capital city	13.0	6.3	8.6	2.2	3.0	1.9	1.7	1.5	38.1
To address not in State capital city (b) –									
From another address outside State capital city, in same State or Territory	10.2	4.6	7.0	1.5	1.9	1.4	1.2	1.0	28.6
From capital city of same State	1.5	0.8	1.2	0.4	0.6	0.1	..	..	4.6
From another State or Territory	1.0	0.6	0.9	*	0.2	0.2	0.4	0.6	4.0
Total, to or within areas outside State capital city	12.7	6.0	9.1	1.9	2.7	1.8	1.5	1.6	37.3

(a) Non-institutional civilians aged 15 years and over at the time of the survey whose usual residence at the end of the survey year was at a different address from that at the beginning of the year and who were resident in Australia on both dates. (b) State capital cities exclude Canberra and Darwin. See Explanatory Notes.

TABLE 4. CIVILIANS AGED 15 YEARS AND OVER WHO CHANGED THEIR USUAL RESIDENCE (a) : TYPE OF MOVE AND AGE GROUP, YEAR ENDED 31 JANUARY 1977

Age group (years)	Moved within or between State capital cities (b)	Moved within area outside State capital cities (b)	Moved from State capital cities to other areas (b)	Moved to State capital cities from other areas (b)	All movers
No. ('000)					
15-19	99.0	75.7	12.7	16.7	204.0
20-24	236.2	122.2	26.8	29.8	415.1
25-34	301.5	145.7	33.3	36.6	517.1
35-44	100.6	62.8	10.3	15.6	189.4
45-54	67.9	41.1	7.0	7.7	123.7
55-64	36.2	23.2	8.0	3.8	71.2
65+	36.4	17.9	3.4	2.9	60.6
Total	877.8	488.5	101.6	113.1	1,581.1
Per cent					
15-19	11.3	15.5	12.5	14.7	12.9
20-24	26.9	25.0	26.4	26.4	26.3
25-34	34.3	29.8	32.8	32.3	32.7
35-44	11.5	12.8	10.2	13.8	12.0
45-54	7.7	8.4	6.9	6.8	7.8
55-64	4.1	4.7	7.9	3.4	4.5
65+	4.1	3.7	3.3	2.6	3.8
Total	100.0	100.0	100.0	100.0	100.0
Proportion					
15-19	6.3	4.8	0.8	1.1	12.9
20-24	14.9	7.7	1.7	1.9	26.3
25-34	19.1	9.2	2.1	2.3	32.7
35-44	6.4	4.0	0.7	1.0	12.0
45-54	4.3	2.6	0.4	0.5	7.8
55-64	2.3	1.5	0.5	0.2	4.5
65+	2.3	1.1	0.2	0.2	3.8
Total	55.5	30.9	6.4	7.2	100.0

(a) Non-institutional civilians aged 15 years and over at the time of the survey whose usual residence at the end of the survey year was at a different address from that at the beginning of the year and who were resident in Australia on both dates. (b) State capital cities exclude Canberra and Darwin. See Explanatory Notes.

TABLE 5. CIVILIANS AGED 15 YEARS AND OVER WHO CHANGED THEIR USUAL RESIDENCE (a) : BY TYPE OF MOVE AND OCCUPATION GROUP YEAR ENDED 31 JANUARY 1977 ('000)

(000)

Occupation group	Moved within or between State capital cities (b)	Moved within area outside State capital cities (b)	Moved from State capital cities to other areas (b)	Moved into State capital cities from other areas (b)	All movers	
					Total	Per cent
MALES						
In the labour force –						
Professional and technical	59.6	23.8	5.7	5.3	94.4	11.9
Administrative, executive, managerial and clerical	75.5	23.8	6.2	10.9	116.4	14.6
Sales	28.2	12.1	2.9	3.0	46.3	5.8
Farmers, fishermen, timber getters, etc.	5.9	35.4	3.6	2.0	46.8	5.9
Transport and communication	33.0	16.0	2.2	4.4	55.6	7.0
Tradesmen, production-process workers and labourers, n.e.c. (c)	164.4	103.2	16.8	21.3	305.7	38.4
Service, sport and recreation	26.3	11.5	3.5	4.5	45.8	5.8
Total (d)	394.8	227.1	41.5	51.4	714.8	89.8
Not in the labour force	44.5	25.0	6.1	5.8	81.4	10.2
Total	439.3	252.1	47.6	57.2	796.2	100.0
FEMALES						
In the labour force –						
Professional and technical	65.9	25.6	7.9	9.4	108.9	13.9
Administrative, executive, managerial and clerical	110.6	30.6	6.5	8.9	156.6	19.9
Sales	25.0	14.9	4.7	3.8	48.4	6.2
Farmers, fishermen, timber getters, etc.	2.4	5.0	*	*	8.5	1.1
Transport and communication	5.0	2.0	..	*	7.2	0.9
Tradesmen, production-process workers and labourers, n.e.c. (c)	31.6	8.6	*	2.4	44.2	5.6
Service, sport and recreation	34.4	25.4	5.2	5.5	70.5	9.0
Total (d)	276.9	113.6	26.8	31.1	448.3	57.1
Not in the labour force	161.7	122.8	27.2	24.9	336.6	42.9
Total	438.5	236.4	54.0	55.9	784.8	100.0
PERSONS						
In the labour force –						
Professional and technical	125.5	49.5	13.7	14.7	203.3	12.9
Administrative, executive, managerial and clerical	186.0	54.4	12.7	19.7	272.9	17.3
Sales	53.2	27.0	7.7	6.7	94.7	6.0
Farmers, fishermen, timber getters, etc.	8.2	40.3	4.1	2.6	55.2	3.5
Transport and communication	38.0	18.0	2.2	4.6	62.7	4.0
Tradesmen, production-process workers and labourers, n.e.c. (c)	196.0	111.8	18.4	23.7	350.0	22.1
Service, sport and recreation	60.7	36.9	8.6	10.0	116.3	7.4
Total (d)	671.7	340.7	68.3	82.4	1,163.1	73.6
Not in the labour force	206.2	147.8	33.3	30.7	418.0	26.4
Total	877.8	488.5	101.6	113.1	1,581.1	100.0

(a) Non-institutional civilians aged 15 years and over at the time of the survey whose usual residence at the end of the survey year was at a different address from that at the beginning of the year and who were resident in Australia on both dates. (b) State capital cities exclude Canberra and Darwin. See Explanatory Notes. (c) Includes miners and quarrymen. (d) Includes those persons looking for their first job.

TABLE 6. CIVILIANS AGED 15 YEARS AND OVER WHO CHANGED THEIR USUAL RESIDENCE (a)
BY BIRTHPLACE, YEAR OF ARRIVAL AND EMPLOYMENT STATUS,
YEAR ENDED 31 JANUARY 1977
(⁰⁰⁰)

Birthplace, year of arrival	Employment Status							
	Males				Females			
	Employed	Unemployed (b)	Not in labour force	Total	Employed	Unemployed (b)	Not in labour force	Total
Born in Australia	483.1	35.8	61.8	580.7	306.8	37.7	258.4	602.9
Born outside Australia :								
Arrived before 1947	3.1	..	3.0	6.0	*	..	6.3	7.9
Arrived 1947-1961	60.3	4.0	6.8	71.1	28.8	2.2	26.9	57.9
1962-1966	33.1	2.5	4.0	39.6	18.3	2.1	11.4	31.8
1967; 1968	15.6	*	*	16.7	6.4	*	5.6	13.2
1969; 1970	25.1	2.0	*	28.7	10.6	*	7.3	18.5
1971; 1972	19.8	*	*	23.0	9.5	*	7.5	18.2
1973; 1974	16.8	*	*	20.5	11.5	*	9.4	21.8
1975; 1976	8.3	*	*	9.8	8.1	*	3.8	12.5
Total arrived before 1977	182.0	13.9	19.6	215.5	94.8	8.9	78.2	181.9
Total movers	665.1	49.7	81.4	796.2	401.7	46.6	336.6	784.8

(a) Non-institutional civilians aged 15 years and over at the time of the survey whose usual residence at the end of the survey year was at a different address from that at the beginning of the year and who were resident in Australia on both dates. (b) Includes those persons looking for their first job.

PART 2. INTERSTATE MIGRATION

TABLE 7. CIVILIANS AGED 15 YEARS AND OVER WHO MOVED (a) INTERSTATE (b) :
YEAR ENDED 31 JANUARY 1977
(^{'000})

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
Year ended 31 January 1977 -									
Moved into State									
Males	16.6	22.8	15.0	9.6	9.3	2.7	3.1	3.5	82.6
Females	16.2	17.1	16.2	9.1	9.3	2.7	3.1	5.6	79.3
Persons	32.8	39.9	31.1	18.7	18.6	5.4	6.2	9.2	161.9
Moved out of State -									
Males	22.6	17.0	16.0	7.5	6.3	3.9	5.2	4.1	82.6
Females	23.7	17.6	12.4	8.3	6.7	3.5	3.5	3.5	79.3
Persons	46.3	34.7	28.4	15.8	13.0	7.4	8.6	7.6	161.9
Net gain (+) or loss (-)	-13.5	+5.3	+2.7	+2.9	+5.5	-2.0	-2.5	+1.6	
Net gain (+) or loss (-) (Persons)									
Year ended									
30 April 1970	-2.8	-4.6	+3.9	-4.9	+5.7	-1.4	+0.9	+3.1	..
1971	-8.7	-10.2	+8.1	-3.3	+9.4	-1.5	*	+4.9	..
1972	-16.2	*	+9.4	-2.7	+3.5	*	+1.8	+3.2	..
1973	-17.5	+6.9	+10.4	-2.9	-1.3	+1.1	..	+3.5	..
1974	-20.6	-3.2	+9.1	-1.2	+7.3	+2.7	-2.8	+8.8	..
31 December 1974	-16.3	-3.7	+5.7	-1.3	+8.2	+1.6	*	+6.4	..
31 January 1977	-13.5	+5.3	+2.7	+2.9	+5.5	-2.0	-2.5	+1.6	..
NET GAIN OR LOSS PER TEN THOUSAND OF POPULATION (c)									
Year ended									
30 April 1970	-3.26	-5.36	+4.54	-5.71	+6.64	-1.63	+1.05	+3.61	..
1971	-9.74	-11.42	+9.07	-3.69	+10.52	-1.68	*	+5.48	..
1972	-18.09	*	+10.50	-3.02	+3.91	*	+2.01	+3.57	..
1973	-19.31	+7.61	+11.47	-3.20	-1.43	+1.21	..	+3.86	..
1974	-22.30	-3.46	+9.85	-1.30	+7.90	+2.92	-3.03	+9.53	..
31 December 1974	-17.36	-3.94	+6.07	-1.38	+8.74	+1.70	*	+6.82	..
31 January 1977	-13.86	+5.44	+2.77	+2.98	+5.65	-2.05	-2.57	+1.64	..

(a) Non-institutional civilians aged 15 years and over at the time of the survey whose usual residence at the end of the survey year was at a different address from that at the beginning of the year and who were resident in Australia on both dates. (b) Includes moves between a State and a Territory or between the two Territories. (c) Necessarily, but contrary to normal practice, the population (non-institutional civilians aged 15 years and over) is that at the end of the period.

TABLE 8. CIVILIANS AGED 15 YEARS AND OVER WHO MOVED (a) INTERSTATE (b), BY AGE GROUP
YEAR ENDED 31 JANUARY 1977

Age group (years)	Moved to another State or Territory			Proportion of population who moved interstate (c) (Per cent)	Interstate movers as a proportion of all movers (d) (Per cent)
	Males (<i>'000</i>)	Females (<i>'000</i>)	Persons (<i>'000</i>)		
15-19	8.6	12.4	21.0	1.7	10.3
20-24	19.3	19.9	39.2	3.6	9.4
25-34	29.1	27.9	57.1	2.8	11.0
35-44	12.1	8.7	20.8	1.4	11.0
45-54	8.4	3.8	12.3	0.8	9.9
55-64	2.6	3.8	6.4	0.5	9.0
65+	2.4	2.8	5.2	0.5	8.6
Total	82.6	79.3	161.9	1.7	10.2

(a) Non-institutional civilians aged 15 years and over at the time of the survey whose usual residence at the end of the survey year was at a different address from that at the beginning of the year and who were resident in Australia on both dates. (b) Includes moves between a State and a Territory or between the two Territories. (c) Persons who changed State or Territory of usual residence during the year as a proportion of all persons of corresponding age who resided in Australia at the beginning and end of the year. (d) Persons who changed State or Territory of usual residence during the year as a proportion of all movers of corresponding age.

TABLE 9. CIVILIANS AGED 15 YEARS AND OVER WHO MOVED (a) INTERSTATE (b) BY
OCCUPATION (c) YEARS ENDED 30 APRIL 1973, 31 DECEMBER 1974 AND 31 JANUARY 1977

Labour force status and occupation group (c)	Year ended 30 April 1973		Year ended 31 December 1974		Year ended 31 January 1977	
	(<i>'000</i>)	Per cent	(<i>'000</i>)	Per cent	(<i>'000</i>)	Per cent
MALES						
In the labour force -						
Professional and technical	9.5	10.2	7.6	10.3	9.0	10.9
Administrative, executive, managerial and clerical	12.5	13.5	9.5	12.8	12.7	15.4
Sales	4.6	5.0	4.0	5.4	4.2	5.1
Farmers, fishermen, timber-getters, etc.	7.8	8.4	4.3	5.8	4.7	5.6
Transport and communication	5.5	5.9	5.1	6.9	4.6	5.5
Tradesmen, production-process workers and labourers, n.e.c. (d)	37.3	40.2	28.0	37.5	31.1	37.5
Service, sport and recreation	*	*	5.1	6.9	5.0	6.0
Total (e)	80.4	86.6	63.8	85.6	72.0	86.7
Not in labour force	12.5	13.5	10.7	14.4	11.0	13.3
Total	92.9	100.0	74.5	100.0	83.0	100.0
FEMALES						
In the labour force -						
Professional and technical	7.8	10.1	7.9	10.3	7.7	9.7
Administrative, executive, managerial and clerical	12.6	16.3	7.0	9.1	15.4	19.3
Sales	*	*	11.6	15.1	5.5	6.9
Farmers, fishermen, timber-getters, etc.	*	*	*	*	*	*
Transport and communication	*	*	*	*	*	*
Tradesmen, production-process workers and labourers, n.e.c. (d)	*	*	*	*	4.3	5.4
Service, sport and recreation	5.4	7.0	6.4	8.4	8.9	11.1
Total (e)	33.7	43.5	37.2	48.4	45.1	56.4
Not in the labour force	43.8	56.5	39.6	51.6	34.8	43.6
Total	77.4	100.0	76.8	100.0	79.9	100.0

(a) Non-institutional civilians aged 15 years and over at the time of the survey whose usual residence at the end of the survey year was at a different address from that at the beginning of the year and who were resident in Australia on both dates. (b) Includes moves between a State and a Territory or between the two Territories. (c) At the time of the survey. (d) Includes miners and quarry workers. (e) Includes those persons looking for their first job.

PART 3. MIGRATION OF OVERSEAS ARRIVALS

TABLE 10. CIVILIANS AGED 15 YEARS AND OVER (a) WHOSE USUAL RESIDENCE WAS OVERSEAS
AT BEGINNING OF YEAR, BY STATE AND AREA OF RESIDENCE
AT END OF YEAR, YEAR ENDED 31 JANUARY 1977
(^{'000})

<i>Place of residence at end of year</i>	<i>N.S.W.</i>	<i>Vic.</i>	<i>Qld</i>	<i>S.A.</i>	<i>W.A.</i>	<i>Tas.</i>	<i>Australia</i>
State capital city	30.8	17.0	5.0	5.3	10.4	*	(b)69.2
Outside State capital city	6.1	2.6	6.5	*	3.6	*	(c)28.9
Total -	36.9	19.6	11.5	6.5	13.9	*	(c)98.2
Males	18.1	8.4	6.2	3.4	7.5	*	(c)48.9
Females	18.8	11.1	5.3	3.1	6.4	*	(c)49.3

(a) Non-institutional civilians aged 15 years and over at the time of the survey. (b) Excludes Canberra and Darwin. See Explanatory Notes.
(c) Includes the Northern Territory and the Australian Capital Territory.

TABLE 11. CIVILIANS AGED 15 YEARS AND OVER (a) WHOSE USUAL RESIDENCE WAS OVERSEAS
AT BEGINNING OF YEAR, BY AGE, YEARS ENDED 30 APRIL 1973 AND 1974, 31 DECEMBER 1974 AND 31 JANUARY 1977
(^{'000})

<i>Age group (years)</i>	<i>Year ended 30 April 1973</i>			<i>Year ended 30 April 1974</i>			<i>Year ended 31 December 1974</i>			<i>Year ended 31 January 1977</i>		
	<i>Males</i>	<i>Females</i>	<i>Persons</i>	<i>Males</i>	<i>Females</i>	<i>Persons</i>	<i>Males</i>	<i>Females</i>	<i>Persons</i>	<i>Males</i>	<i>Females</i>	<i>Persons</i>
15-19	8.0	6.3	14.3	5.6	6.2	11.8	6.1	7.7	13.8	4.4	4.4	8.8
20-24	16.4	17.7	34.2	15.8	18.1	33.9	13.8	17.0	30.8	10.2	12.9	23.1
25-34	25.3	21.8	47.1	30.2	26.5	56.7	26.8	24.2	51.0	17.7	17.8	35.5
35-44	11.6	8.5	20.1	10.4	7.8	18.3	11.2	6.7	17.9	8.3	5.1	13.4
45-54	4.4	4.6	9.0	4.0	3.4	7.4	4.6	5.3	9.9	4.6	3.2	7.7
55-64	*	4.6	6.8	*	*	*	*	*	5.2	*	3.3	5.3
65+	*	*	6.0	*	*	5.6	*	*	4.3	2.7	2.6	5.3
Total	71.2	66.3	137.6	69.8	67.6	137.4	65.4	67.4	132.8	48.9	49.3	98.2

(a) Non-institutional civilians aged 15 years and over at the time of the survey.

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Australian Statistician

TECHNICAL NOTE

Estimation procedure

The estimates are derived from the quarterly population survey by use of a complex ratio estimation procedure, which ensures that the survey estimates conform to an independently estimated distribution of the population by age and sex, rather than to the age and sex distribution within the sample itself.

Reliability of the estimates

2. Since the estimates in this bulletin are based on information obtained from occupants of a sample of dwellings, they may differ from the figures that would have been produced if the information had been obtained from occupants of all dwellings. One measure of the likely difference is given by the *standard error*, which indicates the extent to which an estimate might have varied by chance because only a sample of dwellings was included in the survey. There are about two chances in three that a sample estimate will differ by less than one standard error from the figure that would have been obtained if all dwellings had been included in the survey, and about nineteen chances in twenty that the difference will be less than two standard errors.

3. Because of a reduction in sample size for this survey from about two-thirds of one per cent to about one-half of one per cent of the population of Australia, the standard errors are higher than usual. Space does not allow for the separate indication of the standard errors of all estimates in this bulletin. A table of *standard errors* for general application to sample estimates is given below. These figures will not give a precise measure of the standard error of a particular estimate since they are averages based on calculations for a limited number of past surveys over a wide range of labour force characteristics. However, they will provide an indication of the magnitude of the standard error of any particular estimate for any particular survey. An example of the use of the table is as follows: if an estimate for Australia obtained from the sample is 100,000 then the standard error is 4,300 and there are about two chances in three

that the true figure is within the range 95,700 to 104,300 and about nineteen chances in twenty that this figure is between 91,400 and 108,600.

4. The reliability of an estimated percentage, computed by using sample data for both numerator and denominator, depends upon both the size of the numerator and the size of the denominator. However, the per cent standard error of the estimated percentage will generally be lower than the per cent standard error of the estimate of the numerator. The per cent standard errors of the numerators can be obtained from the table below.

5. As the standard errors in the table below show, *the smaller the estimate the higher is the relative standard error*. Very small estimates are thus subject to such high standard errors (relative to the size of the estimate) as to detract seriously from their value for most reasonable uses. In the tables in this statement, estimates below the levels shown in the table below have not been published. Although figures for these small components can in some cases be derived by subtraction, they should not be regarded as reliable.

6. The standard errors for States shown below apply to State of residence at the time of the survey. Approximate standard errors for estimates of persons who moved interstate can be obtained by using the standard errors for Australia.

7. The imprecision due to sampling variability, which is measured by the standard error, should not be confused with inaccuracies that may occur because of imperfections in reporting by interviewers and respondents. Inaccuracies of this kind are referred to as the *non-sampling error*, and they may occur in any enumeration, whether it be a full count or only a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures.

STANDARD ERRORS OF ESTIMATES

Size of estimate (persons)	N.S.W. No.	Vic. No.	Qld No.	S.A. No.	W.A. No.	Tas. No.	N.T. No.	A.C.T. No.	Australia	
									No.	Per cent of estimate
1,000						300	350	350		
1,500			550	450	500	350	450	450		
2,000			600	550	550	450	500	500	700	35.3
2,500	850	850	650	600	600	500	550	550	800	31.3
3,000	950	950	700	650	650	550	650	700	850	28.9
4,000	1,100	1,100	850	750	750	600	750	850	1,000	25.0
5,000	1,200	1,200	950	850	850	650	800	900	1,100	22.0
10,000	1,600	1,600	1,300	1,100	1,200	900	1,100	1,100	1,500	15.0
20,000	2,200	2,200	1,800	1,500	1,600	1,200	1,500	1,500	2,000	10.0
50,000	3,400	3,400	2,600	2,300	2,500	1,900	2,200	2,100	3,100	6.2
100,000	4,600	4,600	3,700	3,100	3,400	2,600		3,200	4,300	4.3
200,000	6,400	6,400	5,200	4,300	4,700				5,800	2.9
500,000	9,900	9,900	8,000	6,500	7,000				9,000	1
1,000,000	13,600	13,600							12,000	
2,000,000									18,000	

— Estimates below the levels indicated have not been published — see paragraph 5 above.